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cells that are characterized by the expression of smooth muscle  $\alpha$ -actin, calponin and SM22 $\alpha$ , wherein the neural crest cell line is transformed with an oncogene; and

(ii) identifying genes which are up- or down-regulated under the culture conditions.

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31. (Amended) The method of claim 7, wherein the culture conditions include the medium identified in Table 1.

32. (Amended) The method of claim 7, wherein the oncogene is v-myc .

33. (Amended) The method of claim 7, wherein the immortalized neural crest cells are Monc-1 cells.

Please insert new claims 34-38:

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B  
34. (New) The method of claim 7, wherein the neural crest cells differentiate into a population of cells in which nearly 100% of the cells are smooth muscle cells

35. (New) The method of claim 7, wherein the neural crest cells are murine neural crest cells.

36. (New) The method of claim 31, wherein the culture conditions further include 10% fetal bovine serum and 25 mM Hepes (pH 7.4).

37. (New) The method of claim 31, wherein the culture conditions do not include exogenously added active TGF- $\beta$ 1.

38. (New) The method of claim 31, wherein the culture conditions further include exogenously added active TGF- $\beta$ 1.--